

## CLAIMS: κ

1. A hand mixer (1)  
having two mains terminals (10, 11), which serve for the connection to an a.c. mains,  
having interference suppression means (16) connected to the two mains terminals (10, 11) for  
the purpose of interference suppression, and  
5 having a motor (27), which serves for driving mixing tools (28, 29, 30, 31, 32, 33, 34, 35)  
and which can be brought into electrically conductive contact with the two mains terminals  
(10, 11) and which is adapted to be energized from an a.c. mains and which is adapted to  
effect driving with at least two lower speeds and with a speed which is higher than the lower  
speeds, and  
10 having a switching means configuration (130) which includes speed switching means (60) for  
switching the speed of the motor (27) to different lower speed values, which speed switching  
means (60) can be actuated with the aid of a first switching handle (20), and which includes  
start means (61) for starting the motor (27) at the higher speed, which start means (61) can be  
actuated with the aid of a second switching handle (24), characterized in that the two mains  
15 terminals (10, 11) and the speed switching means (60) and the start means (61) are connected  
mechanically and electrically to form a module (9), and  
all the electrical connections between the two mains terminals (10, 11) and the speed  
switching means (60) and the start means (61) are realized on the module (9).
- 20 2. A hand-held mixer (1) as claimed in claim 1, characterized in that,  
in addition, the interference suppression means (16) are also connected mechanically and  
electrically to the module (9).
3. A hand-held mixer (1) as claimed in claim 1, characterized in that  
25 connecting leads (62, 63, 64, 65, 66) are fixedly connected to the module (9) and have free  
ends (67, 68, 69, 70, 71) arranged to be connected to the motor terminals (72, 73, 74, 75, 76).
4. A hand-held mixer (1) as claimed in claim 1, characterized in that  
the module (9) has a supporting member (85) bounded by a bounding surface (86), and

T04991 927600

electrically conductive contact strips (88, 89) are connected to the supporting member (85) in the area of the bounding surface (86) and extend parallel to a strip direction (90), and the module (9) includes a first slider (102) which is guided so as to be movable relative to the supporting member (85) parallel to the strip direction (90) and which serves as a mating-  
5 contact holder and carries at least two mating contacts (112, 113, 114, 115) which are interconnected in an electrically conductive manner, which cooperate with the contact strips (88, 99) and which together with the contact strips (88, 89) form the speed switching means (60), and  
the module (9) includes a second slider (116) which is guided so as to be movable relative to  
10 the supporting member (85) and which serves as switching actuator, and  
the module (9) includes a switching contact (100) which is disposed in the path of movement of the second slider (116) and which forms part of the start means (61).

5. A hand-held mixer (1) as claimed in claim 4, characterized in that  
15 the second slider (116) is also guided so as to be movable parallel to the strip direction (90).

6. A hand-held mixer (1) as claimed in claim 4, characterized in that  
at least two mating contacts (112, 113, 114, 115) which are carried by the first slider (102)  
and which are interconnected in an electrically conductive manner are associated with a  
20 contact link (108, 109).

7. A switching means configuration (130) for a hand-held mixer (1), which hand-held mixer (1) has two mains terminals (10, 11), which serve for the connection to an a.c. mains, and which has interference suppression means (16) connected to the two mains  
25 terminals (10, 11) for the purpose of interference suppression, and which has a motor (27), which serves for driving mixing tools (28, 29, 30, 31, 32, 33, 34, 35) and which can be brought into electrically conductive contact with the two mains terminals (10, 11) and which is adapted to be energized from an a.c. mains and which is adapted to effect driving with at least two lower speeds and with a speed which is higher than the lower speeds,  
30 which switching means configuration (130) includes speed switching means (60) for switching the speed of the motor (27) to different lower speed values, which speed switching means (60) can be actuated with the aid of a first switching handle (20), and which switching means configuration (130) includes start means (61) for starting the motor (27) at the higher speed, which start means (61) can be actuated with the aid of a second switching handle (24),

T04290-927E6860

characterized in that

the switching means configuration (130) is realized by means of a module (9) in which the speed switching means (60) and the start means (61) as well as the two mains terminals (10, 11) for a hand-held mixer (1) are connected mechanically and electrically to this module (9),

5 and

all the electrical connections between the two mains terminals (10, 11) and the speed switching means (60) and the start means (61) are realized on the module (9).

8. A switching means configuration (130) as claimed in claim 7, characterized in  
10 that, in addition, the interference suppression means (16) are also connected mechanically and electrically to the module (9).

9. A switching means configuration (130) as claimed in claim 7, characterized in  
15 that connecting leads (62, 63, 64, 65, 66,) are fixedly connected to the module (9) and have free ends (67, 68, 69, 70, 71) arranged to be connected to the motor terminals (72, 73, 74, 75, 76).

10. A switching means configuration (130) as claimed in claim 7, characterized in  
20 that the module (9) has a supporting member (85) bounded by a bounding surface (86), and electrically conductive contact strips (88, 89) are connected to the supporting member (85) in the area of the bounding surface (86) and extend parallel to a strip direction (90), and the module (9) includes a first slider (102) which is guided so as to be movable relative to the supporting member (85) parallel to the strip direction (90) and which serves as a mating-  
25 interconnected in an electrically conductive manner, which cooperate with the contact strips (88, 89) and which together with the contact strips (88, 89) form the speed switching means (60), and  
the module (9) includes a second slider (116) which is guided so as to be movable relative to the supporting member (85) and which serves as switching actuator, and  
30 the module (9) includes a switching contact (100) which is disposed in the path of movement of the second slider (116) and which forms part of the start means (61).

PHAT000036-000001

11. ' A switching means configuration (130) as claimed in claim 10, characterized in that the second slider (116) is also guided so as to be movable parallel to the strip direction (90).

- 5 12. A switching means configuration (130) as claimed in claim 10, characterized in that at least two mating contacts (112, 113, 114, 115) which are carried by the first slider (102) and which are interconnected in an electrically conductive manner are associated with a contact link (108, 109).